Feed systems

Universal quatro feed system 10.70-11.70 & 11.70-12.75 GHz

UAS 584 20110019

- For reception of satellites in the Ku-band, such as ASTRA, EUTELSAT/HOTBIRD and TürkSat
- The feed system complies with the ASTRA specifications for universal SMATV feed systems
- For community antenna network systems with two polarisations and two frequency ranges (low band/high band or analogue/digital)
- For linear polarisation
- Equipped with quatro LNB (four outputs)
- Power supply via drop cable, remote feeding possible via any output
- Polarisation and frequency range independent of supply voltage
- Multifeed-suitable due to compact design
- Full protection of LNB and cable connections in a ventilated housing, protection category IP 54

Type		UAS 584
Order no.		20110019
Suitable for parabolic antennas		CAS 60/75/90/120
Polarisation		4 x (2 x horizontal and 2 x vertical)
Input frequency	GHz	10.70-11.70 and 11.70-12.75
Feed system noise figure/25 °C	dB	0.8
Gain	dB	> 50
Output frequency	MHz	950-1,950/1,100-2,150
Oscillator frequency (L.O.)	GHz	9.75/10.60
Phase noise (L.O.: 10.60 GHz)	dBc	1 kHz: -50, 10 kHz: -75, 100 kHz: -95
System figure of merit (G/T) (at 11.3/12.5 GHz) With CAS 60: With CAS 75: With CAS 90: With CAS 120:	dB/K	 14.7/15.7 17.2/18.2 18.8/19.8 22.0/23.0
Polarisation decoupling	dB	25
Output/impedance	Ω	4 x F-type connector/75
Supply voltage LNB	V	11.5-19.0
Current drain LNB	mA	Typ. 150
Dimensions	mm	235 x 135 x 44
Packing dimensions	mm	295 x 185 x 65
Weight appr.	kg	1.16